

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. Application No.: 09/971,711

11. (New) A humidity sensor according to claim 1, wherein a size of pores in the moisture sensitive layer is 0.05-0.2  $\mu\text{m}$ .

12. (New) A humidity sensor according to claim 1, wherein particles of ceramic are incorporated in an amount of 1-20 wt% into the upper electrode.

13. (New) A humidity sensor according to claim 1, wherein particles of ceramic are incorporated in an amount of 1-20 wt% into the lower electrode.